

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A system for measuring an angle of rotation, comprising:

an apparatus that measures the angle of rotation applied to a fastener by a tool beyond a specific reference point, the apparatus comprising a shaft, which is configured to be positioned between the tool and fastener, the shaft is linked to an angle rate sensor that measures the speed and direction of the rotation applied; and

an angle indicator located apart from the tool, and linked to the apparatus.

2. (Currently Amended) The system of claim 1, wherein the apparatus comprises:

an angle selector adjustable to a desired angle;

~~an angle rate sensor that measures the speed and direction of the rotation applied;~~

a processor that calculates a current angle of rotation from the rate sensor measurements;

and

a zero point indicator that that sets a zero point for the processor to calculate the selected angle.

3. (Previously Presented) The apparatus of claim 2, wherein the zero point is the reference point for the processor to calculate a selected angle.

4. (Currently Amended) The apparatus of claim 1, wherein the angle indicator is a digital ~~automotive tester~~ multimeter.
5. (Currently Amended) The apparatus of claim 1, wherein the angle indicator is a digital ~~automotive tester~~ multimeter and a sound-generating device that activates when the selected angle of rotation has been reached.
6. (Original) The apparatus of claim 2, wherein the angle selector is a potentiometer.
7. (Original) The apparatus of claim 2, wherein the angle selector is a resistance ladder.
8. (Original) The apparatus of claim 2, wherein the processor is a microcontroller.
9. (Currently Amended) A device for measuring an angle of rotation beyond a specific reference point, comprising:

means for applying torque to a fastener, the means for applying comprising a shaft, which is configured to be positioned between the means for applying torque and the fastener, the shaft is linked to means for sensing data from the rate and speed of the rotation being applied to the fastener via the shaft;

means for measuring the angle of rotation of the fastener from a fixed reference point;
and

means for displaying the current angle of rotation, the means for displaying located apart from and linked to the means for applying.

10. (Currently Amended) The device of claim 9, wherein the means for measuring comprises means for selecting a desired angle of rotation, ~~means for sensing data from the rate and speed of the rotation being applied to the fastener~~, means for calculating the angle of rotation from the data, means for indicating a zero point from which the means for calculating basis the angle measurement and means for indicating the current angle as determined by the means for calculating.

11. (Original) The device of claim 9, further comprising means for applying torque to a fastener.

12. (Currently Amended) A method for determining an angle of rotation of a fastener, ~~the steps~~ of comprising:

measuring the angle of rotation, as applied to the fastener by a tool, which comprises a shaft configured to be positioned between the fastener and tool, the shaft is linked to an angle rate sensor that measures the speed and direction of the rotation applied; and

displaying the current angle of rotation with an angle indicator positioned away from and linked to the tool.

13. (Currently Amended) The method of claim 12 wherein the step of measuring the angle of rotation comprises:

selecting a desired angle using an angle selector located on an apparatus comprising an angle selector, ~~an angle rate sensor~~, a processor, a zero point indicator and an angle indicator;

indicating a zero point to the processor;

applying torque to the fastener with the tool to which the apparatus is attached to rotate the fastener;

measuring the rate and speed of the rotation with the angle rate sensor starting from the zero point; and

calculating an angle of rotation using the processor.

14. (Original) The method of claim 13, further comprising the step of indicating that the processor has accepted the zero point.

15. (Original) The method of claim 12, further comprising the step of alerting that the desired selected angle of rotation has been reached.

16. (Currently Amended) A system for measuring an angle of rotation at a fastener beyond a specific reference point, comprising:

a tool that applies torque to a fastener;

an apparatus that measures the angle of rotation beyond a specific reference point, the apparatus configured to fit between the tool and the fastener, the apparatus comprises an angle rate sensor that measures the speed and direction of the rotation applied; and

an angle indicator located away from and linked to the apparatus.

17. (Currently Amended) The system of claim 16 wherein the apparatus comprises:

an angle selector adjustable to a desired angle of rotation;

~~an angle rate sensor that measures the speed and direction of the rotation applied;~~

a processor that calculates a current angle of rotation from the rate sensor measurements;

and

a zero point indicator that sets a zero point for the processor to calculate the selected angle.

18. (Original) The system of claim 16, wherein the tool comprises a ratchet.

19. (Original) The system of claim 16, wherein the tool comprises a socket.
20. (Original) The system of claim 17, wherein the angle selector comprises a potentiometer.
21. (Original) The system of claim 17, wherein the angle selector comprises a resistance ladder.
22. (Original) The system of claim 17, wherein the processor comprises a microcontroller.
23. (Currently Amended) The system of claim 17, wherein the angle indicator is a digital ~~automotive tester~~ multimeter.
24. (Currently Amended) The system of claim 17, wherein the angle indicator is a digital ~~automotive tester~~ multimeter and a sound generating device that activates when the selected angle of rotation has been reached.